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Your attention is invited

NEWS OF THE HYDRAULICS DIVISION OF ASCE

AMERICAN SOCIETY OF CIVIL ENGINEERS FOUNDED 1852

JOURNAL OF THE HYDRAULICS DIVISION
PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

DIVISION ACTIVITIES
HYDRAULICS DIVISION
Proceedings of the American Society of Civil Engineers

NEWS

October, 1958

PURPOSE OF THE HYDRAULICS DIVISION
(Quoted from the Official Register)

"The advancement and dissemination of knowledge relating to the occurrence of water in nature and its behavior in structures, water courses, and underground.

"In particular the field of the Hydraulics Division shall embrace meteorology and hydrology as they affect the engineer, fluid mechanics in engineering usage, and applied hydraulics as a branch of engineering science which furnishes tha basis for hydraulic design and for the practical use of water in the different specialized branches of hydraulic engineering."

MEETING OF THE EXECUTIVE COMMITTEE

A meeting of the Hydraulics Division Executive Committee was held on Tuesday, August 19, 1958, in Atlanta, Georgia. Those in attendance were:

Mr. Harold M. Martin, Chairman
Professor Carl E. Kindsvater, Vice-Chairman
Professor Wallace M. Lansford
Dr. Arthur T. Ippen
Mr. Joseph B. Tiffany, Secretary
Mr. Louis E. Rydell, ASCE Board Contact Member

1958 ASCE Convention

Sessions of the Hydraulics Division

Mr. Martin reported the holding of three technical sessions of the Hydraulics Division during the February Chicago convention. Attendance ranged from a minimum of 25 to a maximum of 50. Mr. Martin also reported that the five sessions of the Hydraulics Division, and the joint session with the Waterways and Harbors Division, held in Portland, Oregon, in June,

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were well attended (25-125), and that the dinner in honor of Mr. J. C. Stevens was attended by about 200, which was full capacity of the dining space.

Hydraulics Division Sessions

At Future ASCE Conventions

New York, New York — October 13-17, 1958

Sponsoring Technical Committee	No. of Sessions
Hydraulic Structures	2
Flood Control	1
Hydromechanics	1
Tidal Hydraulics	1

Los Angeles, California — February 9-13, 1959

Sponsoring Technical Committee	No. of Sessions
Flood Control	1
Hydraulic Structures	1
Hydrology	1
Hydromechanics	1
Sedimentation	1
Tidal Hydraulics	1

Cleveland, Ohio — May 4-8, 1959

Sponsoring Technical Committee	No. of Sessions
Flood control	1
Hydraulic Structures	1
Hydromechanics	1
Sedimentation	1

Washington, D. C. — October 19-23, 1959

Sponsoring Technical Committee	No. of Sessions
Hydraulic Structures	1
Hydrology	1
Hydromechanics	1
Tidal Hydraulics	1

1959 Hydraulics Division Meeting

Fort Collins, Colorado

Professor Kindsvater stated that plans are being made for holding the 1959 Hydraulics Division conference at Colorado State University on July 1-3. The program for this conference will probably consist of six technical sessions, one sponsored by each of the six technical committees.

ASCE Task Force on Water Resources

The Task Committee on Water Resources completed its report in March 1958 and submitted it to the Society Board of Direction. Briefly, that report finds that the Society is not adequately covering many of the elements of the water resources field; concludes that the Society should engage in activities in those fields now not being covered; and describes three alternative proposals. Proposal No. 1 would establish a new Division on Water Resources which would take over the water resources aspects of the five divisions now somewhat engaged therein, plus the activities now not being covered by any ASCE technical division. Proposal No. 2 would establish a new Division on Water Resources to cover those elements of the water resources field not now being covered by existing technical divisions. Proposal No. 3 would have the existing divisions expand the scope of their activities to cover the fields now not being engaged in. The task committee recommended adopting Proposal No. 3, and also recommended establishing a coordinating committee under the Society Committee on Division Activities, to be composed of one representative from the Executive Committee of each of the five technical divisions concerned with water resources.

The Hydraulics Division Executive Committee also took cognizance of a comprehensive proposal made by the Committee on Hydrology at its meeting in Chicago in February 1958 to reorganize certain of our technical committees and establish two new committees for the purpose of expanding the Hydraulics Division activities into the water resources field.

Conclusions of the Hydraulics Division Executive Committee were as follow:

a. That the field of water resources is not being covered in ASCE, and that this field should be covered within the scope of ASCE technical studies.

b. That Proposal 3 of the task committee is the preferred method of accomplishing the work in the water resources field.

c. That the Executive Committee is willing to assume the necessary responsibility for enlarging the Hydraulics Division scope of ASCE activities in the water resources field.

d. That the Committee concurs in the task committee's recommendation that a coordinating committee be established, and will be pleased to nominate a representative from the Hydraulics Division to the committee if and when so requested.

It was decided to establish a new "Task Force on the Hydraulics Division Responsibilities in the Water Resources Field," which would be requested to review the report of the Society's Task Committee on Water Resources, review the existing committee setup within the Hydraulics Division, consider which existing agencies and which individuals would be best qualified for assisting the Hydraulics Division in expanding further into the water resources field, and make definite recommendations to the Executive Committee as to appropriate committees and personnel for carrying out those purposes.

Appointments and 1958-1959 Membership

Administrative Committees

1959 Committee on Publications

James W. Ball, Chairman
Carl E. Kindsvater
Joseph B. Tiffany

Research Committee

Name	Year of Termination
J. M. Robertson, Chairman	1960
Ralph D. Goodrich	1959
Vito A. Vanoni	1961
Clarence F. Wicker	1962
Walter B. Langbein (new member)	1963

Standards Committee

Rolland W. Carter, Chairman
Norbert H. Leupold
Frank B. Campbell

(Terms have not been set.)

Committee on Session Programs

The Committee membership for 1958-1959 will consist of the Chairman of the Executive Committee, the Vice-Chairman of the Executive Committee, and the chairmen of the six technical committees, as follows:

Carl E. Kindsvater, Chairman
Arthur T. Ippen, Vice-Chairman
Joseph I. Perrey
Charles C. McDonald
John F. Ripkin
Albert P. Gildea
Glenn E. Hands
Lindsay P. Disney

Committee on the J. C. Stevens Award

Name	Year of Termination
David W. Appel, Chairman	1959
Tate Dalrymple	1960
Jacob H. Douma (new member)	1961
C. Walter Thomas, retiring	

Committee on the Karl Emil Hilgard Hydraulic Prize

Three members were appointed at the 1957 Chicago Executive Committee meeting for simultaneous two-year terms.

Albert S. Fry, Chairman
W. Douglas Baines
George R. Schneider

Appointments and 1958-1959 Membership

Technical Committees

Committee on Flood Control

Name	Year of Termination
Joseph I. Perrey, Chairman	1959
Joseph F. Freidkin	1960
Arno T. Lenz	1961
Francis G. Christian	1962
Arthur R. Luecker (new member)	1963
H. Alden Foster, retiring	

Committee on Hydrology

Name	Year of Termination
Charles C. McDonald, Chairman	1959
David K. Todd	1960
Gordon R. Williams	1961
Victor A. Koelzer	1962
Franklin F. Snyder (new member)	1963
William E. Hiatt, retiring	

Committee on Hydromechanics

Name	Year of Termination
John F. Ripkin	1960
Donald R. F. Harleman	1959
Emmett M. Laursen	1961
Norman H. Brooks	1962
Frederick R. Brown (new member)	1963
Frank B. Campbell, retiring	

Committee on Sedimentation

Name	Year of Termination
Albert P. Gildea, Chairman	1960
Alvin G. Anderson	1959
Enos J. Carlson	1961
Robert B. Banks	1962
Paul C. Benedict (new member)	1963
Fred H. Larson, retiring	

Committee on Hydraulic Structures

Name	Year of Termination
Glenn E. Hands, Chairman	1960
Jacob H. Douma	1959
Alvin J. Peterka	1961
Harold K. Pratt	1962
Rex A. Elder (term extended)	1963

Committee on Tidal Hydraulics

Name	Year of Termination
Lindsay P. Disney, Chairman	1960
Eugene P. Fortson, Jr.	1959
Haywood G. Dewey, Jr.	1961
Irvin M. Ingerson	1962
Raymond Boucher (new member)	1963
Clarence F. Wicker, retiring	

1958-1959 Hydraulics Division

Executive Committee

Name	Year of Termination
Carl E. Kindsvater, Chairman	1960
Arthur T. Ippen, Vice-Chairman	1961
Harold M. Martin	1959
Maruice L. Dickinson (new member)	1962
Joseph B. Tiffany, Secretary	1959

The next meeting of the Executive Committee will be held in St. Louis, Missouri, the latter part of October or the first part of November.

TECHNICAL COMMITTEE NEWS

Flood Control Committee

The Committee on Flood Control met in Atlanta, Georgia, August 19, preceding the Hydraulics Division Conference. The accomplishments of the Committee during the past year were reviewed, together with arrangements that have been made for technical sessions at Society conventions and conferences during 1958 and 1959. Mr. H. A. Foster is chairman of the committee.

The resignation of Mr. George R. Shanklin as Chairman of the Task Force on Flood Plain Zoning was accepted with regret. The membership of this task force now stands as follows:

J. E. Goddard, Chairman
Frank Kochis
G. R. Shanklin
L. V. Sheridan
W. S. Wise

Hydraulic Structures Committee

The Task Force on Nomenclature for Hydraulics met in Minneapolis, Minnesota, June 9-14, 1958. The purpose of the meeting was to review and agree on abbreviations, units of measure, symbols, definitions of hydraulic terms, and references. A card file of more than 5000 definitions had been prepared from a number of sources and had been reviewed by each task

force member individually. All suggested changes were discussed and agreement was reached on the definitions to be included in a Society manual. The task force membership includes the following:

F. W. Blaisdell, Chairman
C. A. Betts
T. R. Cantine
E. J. Rutter

Hydromechanics Committee

The Task Force on Friction in Open Channels is preparing an annotated bibliography on the subject. This will be presented for publication in the Journal in early winter. Mr. Julian Hinds is Chairman of this task force. Those who may wish to contribute information to this task force are invited to communicate with Mr. Hinds at P. O. Box 632, Santa Paula, California.

Supplementary material to Society Manual No. 35, "A List of Translations of Foreign Literature on Hydraulics," is in preparation by Mr. J. C. Van Tienhoven (see February 1958 Newsletter). The supplement will appear in "Civil Engineering" in the near future.

LOS ANGELES CONVENTION

The Hydraulics Division will sponsor six technical sessions at the ASCE Los Angeles Convention, February 9-13, 1959. Each technical committee will sponsor one session. The December issue of the Newsletter will feature the complete Hydraulics Division program for the convention.

The Flood Control session will be sponsored jointly with the Waterways and Harbors Division. Mr. F. G. Christian is arranging for the Flood Control Committee papers.

The Hydraulic Structures Committee has arranged for three papers on bucket-type energy dissipators for spillways.

The Hydrology Committee is planning a four-paper symposium on "Hydrologic Effects of Watershed Treatment".

Dr. N. H. Brooks has arranged a three-paper session by the Hydromechanics Committee. Mr. A. P. Gildea is in charge of the Sedimentation session. Three papers are planned for the Tidal Hydraulics session.

FELLOWSHIPS IN HYDRAULICS

Members of the Hydraulics Division of the Society who desire to pursue graduate studies in Hydraulics, or members who are acquainted with promising young men with an interest in this field, are encouraged to inquire about the following fellowships:

The Boris A. Bakhmeteff Research Fellowship in Mechanics of Fluids will pay up to $3,000.00 for a year of graduate study at any institution of the applicant's choice. Information relative to the fellowship may be obtained by writing to Dean William Allen, School of Technology, The City College of New York, New York 31, New York.

The ASCE-ASME Freeman Fellowship which affords funds for graduate study is more fully described in the Official Register of the ASCE. Additional information on the award of this fellowship may be obtained by addressing the Secretary.

FOR YOUR CALENDAR

ASCE Meetings

October 13-17, 1958	ASCE, New York Convention
February 9-13, 1959	ASCE, Los Angeles Convention
May 4-8, 1959	ASCE, Cleveland Convention
July 1-3, 1959	Hydraulics Division, Fort Collins Conference
October 19-23, 1959	ASCE, Washington, D. C., Convention
March 7-11, 1960	ASCE, New Orleans Convention
June 19-23, 1960	ASCE, Reno Convention
October 9-13, 1960	ASCE, Boston Convention
April 10-15, 1961	ASCE, Phoenix Convention
October 16-20, 1961	ASCE, New York Convention
February 1962	ASCE, Houston Convention
May 1962	ASCE, Omaha, Convention
October 15-19, 1962	ASCE, Detroit Convention

Non-ASCE Meetings

June 15-19, 1959	American Society for Engineering Education, Pittsburgh, Pennsylvania
September 1959	International Association for Hydraulics Research, Montreal, Canada

Deadline dates for Newsletter contributions: December issue — October 15; February issue — December 15.

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